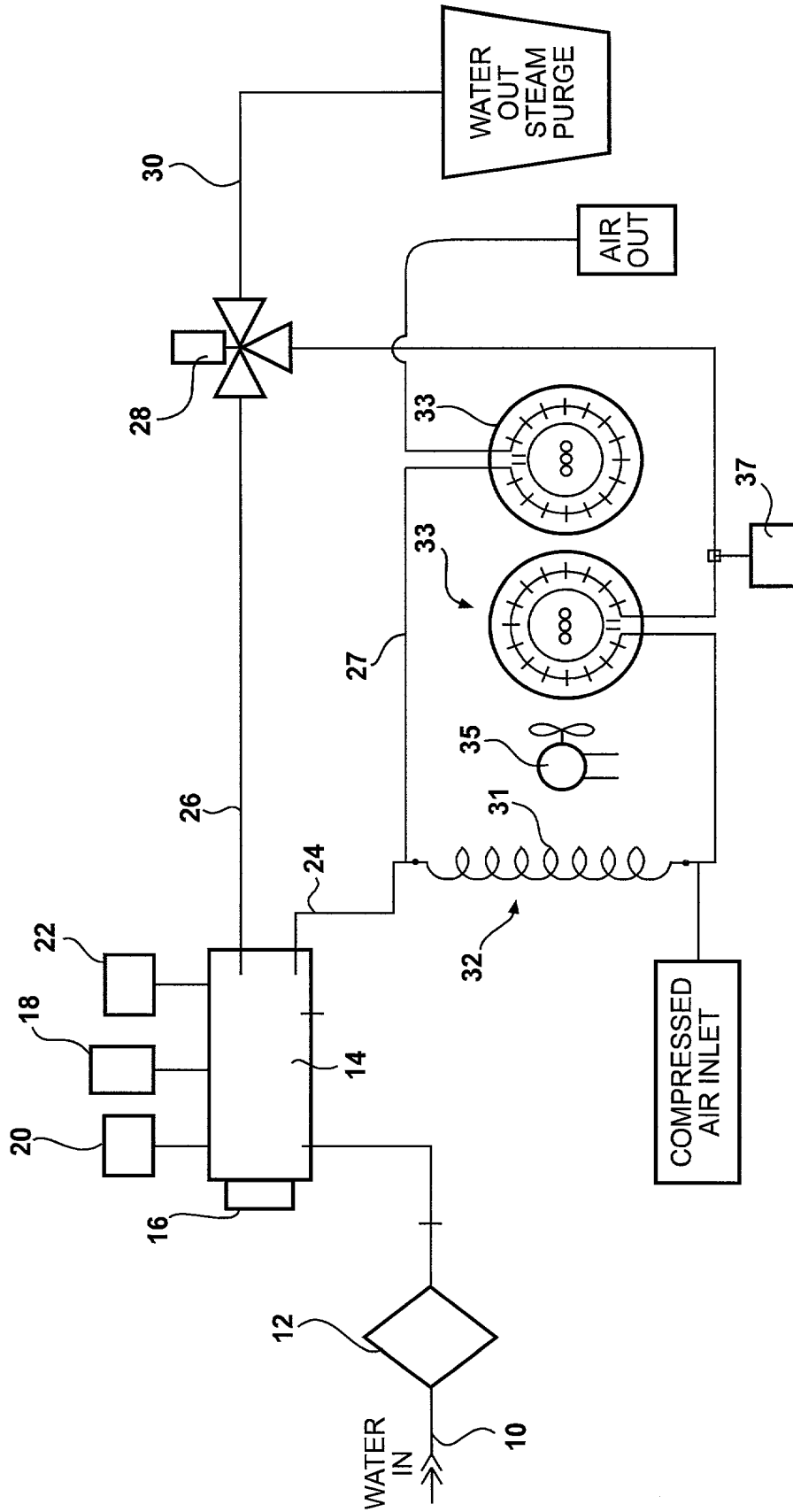
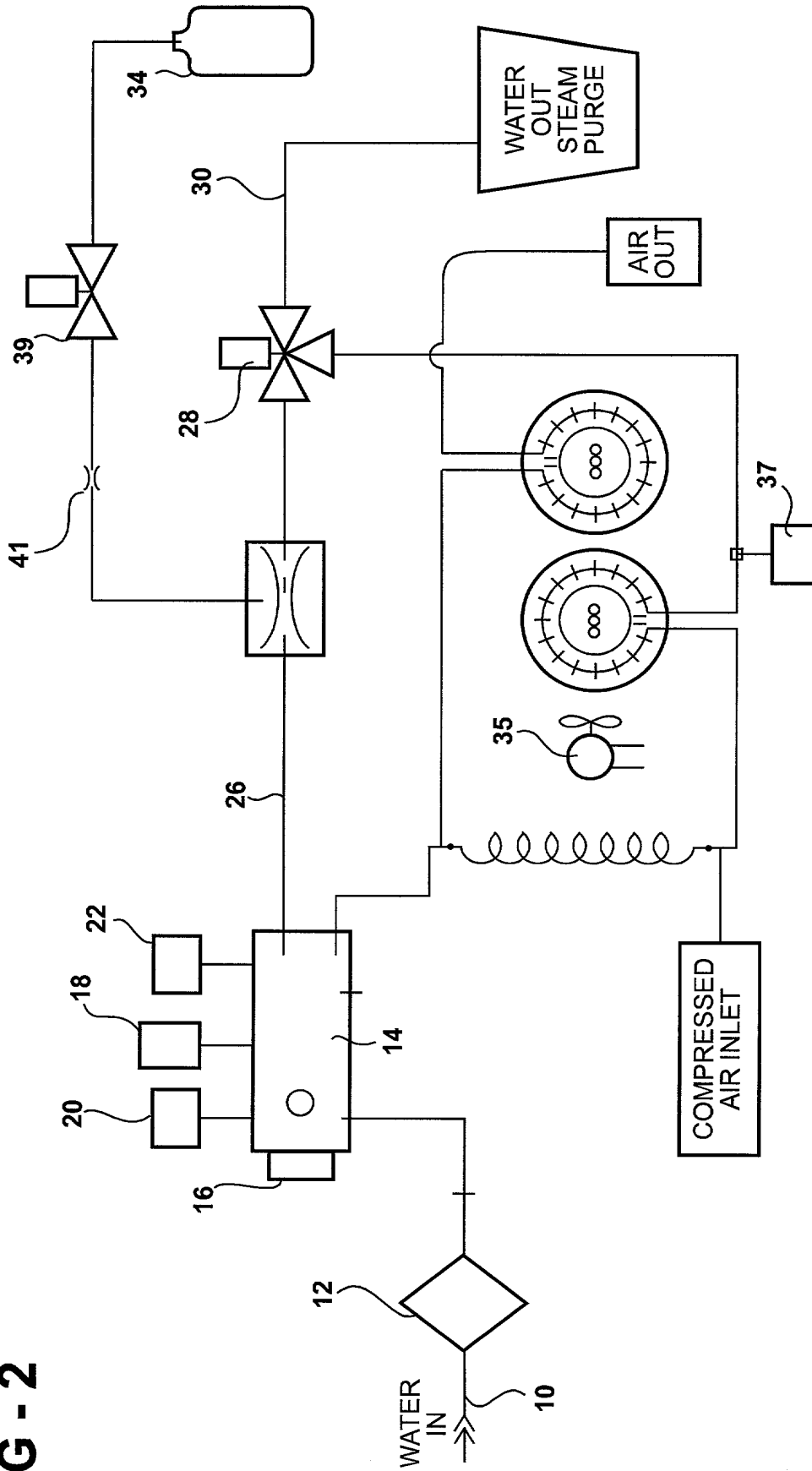


FIG - 1



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FIG - 2



The diagram illustrates a steam heating system with a central boiler (14) and three main distribution loops. The boiler has a water inlet (10) and outlet (12), a steam outlet (26), and an air inlet (46) and outlet (48). The water loop includes a pump (31) and a valve (62). The steam loop includes a valve (50) and a purge tank (30). The air loop includes two fans (33a, 33b) and a purge tank (30). The system is controlled by a central unit (20) with various sensors and actuators (16, 18, 22, 24, 28, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100).

FIG - 4

